

## WHAT IS CLAIMED IS:

1. A method for connecting a coated lead wire to a terminal of a coil bobbin, comprising the steps of placing a pair of electrodes having heating portions vertically opposite to each other, entwining said coated lead wire around said terminal of said coil bobbin, placing said terminal entwined with said coated lead wire on a solder, putting said terminal entwined with said coated lead wire placed on said solder into between said electrodes, directing a blow of inert gas toward said terminal entwined with said coated lead wire placed on said solder between said electrodes, supplying electric currents to said electrodes to heat said heating portions for melting said solder while exerting pressure to said terminal entwined with said coated lead wire between said electrodes, and releasing the pressure exerted to the terminal entwined with said core wire after a lapse of a prescribed period of time from commencement of generating heat at said heating portions of said electrodes and exerting pressure to said terminal entwined with said coated lead wire.  
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2. A method for connecting a coated lead wire to a terminal of a coil bobbin according to claim 1, wherein cinders left after melting a coating layer of said coated lead wire with heat generated by said heating portions of said electrodes are blown out with said blow of inert gas.
3. A method for connecting a coated lead wire to a terminal of a coil bobbin according to claim 1, wherein said inert gas is nitrogen gas.

4. A method for connecting a coated lead wire to a terminal of a coil bobbin  
5 according to claim 2, wherein said inert gas is nitrogen gas.